EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30	structure and mast and tube and axial and length and shortens and intake and stroke and increases and exhaust and pump and rigid and outer and casing and interior and space) clm	US-PGPUB, USPAT, USOCR	OR	OFF	2006/10/18 16:36
L3	4	"1514673" or "4240812" or "5228010" or "3423997").pn.	USPAT	OR	OFF	2006/10/18 16:41
L25	563	(US-7465749-$ or US-7404704-$ or US-7396298-$ or US-7329105-$ or US-7318706-$ or US-7278836-$ or US-7252486-$ or US-7223660-$ or US-7217105-$ or US-7198474-$ or US-7175395-$ or US-7134846-$ or US-7131820-$ or US-7080764-$ or US-7056005-$ or US-7040673-$ or US-7037090-$ or US-7003148-$ or US-6937897-$ or US-6935658-$ or US-6905314-$ or US-6803231-$ or US-6684040-$ or US-6682600-$ or US-6621695-$ … … … US-1407477-$ or US-1409423-$ or US-1379515-$ or US-1376475-$ or US-1367762-$ or US-1351075-$ or US-1350926-$ or US-1347739-$ or US-1339311-$ or US-1337657-$ or US-1328529-$) dd	USPAT	OR	OFF	2006/10/18 16:47
L26	1922	((417:526) or (417:534) or (417:536)).CCLS	US-PGPUB, USPAT, USOCR	OR	OFF	2006/10/18 16:48
L27	573	L26 and pump\$3	US-PGPUB, USPAT, USOCR	OR	OFF	2006/10/18 16:48
L28	10	L27 not L25	US-PGPUB, USPAT, USOCR	OR	OFF	2006/10/18 16:48
S1	0	("6017190or5664580or5522463or5210470or4515530or4493110or4178130or3427987or3253549or3250287or3087400or2971465or1666280or4961680or4886432or4580552or3651527or3028040or5263049" or "6007274").PN	USPAT, USOCR	OR	OFF	2006/05/06 17:12
S2	20	("6017190" or "5664580" or "5522463" or "5210470" or "4515530" or "4493110" or "4178130" or "3427987" or "3253549" or "3250287" or "3087400" or "2971465" or "1666280" or "4961680" or "4886432" or "4580552" or "3651527" or "3028040" or "5263049" or "6007274").pn	USPAT	OR	OFF	2006/05/06 17:12
S3	1090966	Note that original workspace was corrupted and file was lost	USPAT	OR	OFF	2006/05/06 17:14
S4	1451560	This is a recreation of copied tagged items and search fields	USPAT	OR	OFF	2006/05/06 17:15
S5	473	(417/364).CCLS	USPAT	OR	OFF	2006/05/06 17:15
S6	210	(417/478).CCLS	USPAT, USOCR	OR	OFF	2006/05/06 17:16
S7	246	(417/375).CCLS	USPAT, USOCR	OR	OFF	2006/05/06 17:16
S8	519	(417/390).CCLS	USPAT, USOCR	OR	OFF	2006/05/06 17:16
S10	379	(417/392).CCLS	USPAT, USOCR	OR	OFF	2006/05/06 17:16
S11	1	((GORDON) near2 (MORRISS)).INV.	US-PGPUB, USPAT, USOCR	OR	OFF	2006/05/06 17:17
S12	336	((ROBERT) (WEST)).INV.	US-PGPUB, USPAT, USOCR	OR	OFF	2006/05/06 17:18
S13	1	((ROBERT) near2 leslie near2 (WEST)).INV	US-PGPUB, USPAT, USOCR	OR	OFF	2006/05/06 17:18
S14	1	((GORDON) near2 (MORRISS)).INV	US-PGPUB, USPAT, USOCR	OR	OFF	2006/05/06 17:19
S16	336	((ROBERT) near2 (WEST)).INV.	US-PGPUB, USPAT, USOCR	OR	OFF	2006/05/06 17:20

S17	1	((ROBERT) near2 leslie near2 (WEST)).INV.	US-PGPUB, USPAT, USOCR	OR	OFF	2008/05/06 17:20
S18	91	(166/75 12).CCLS.	USPAT	OR	OFF	2008/05/06 17:20
S19	29	US-5213940-5 or US-6017198-5 or US-6067274-5 or US-3964508-5 or US-5322453-5 or US-3213478-5 or US-4566526-5 or US-4561689-5 or US-4686432-5 or US-4380552-5 or US-4315336-5 or US-4435112-5 or US-4178133-5 or US-3951572-5 or US-3427987-5 or US-3253549-5 or US-3250226-5 or US-3037433-5 or US-3028846-5 or US-2971465-5).did.	USPAT	OR	OFF	2008/05/07 07:47
S20	11	S19 and water	USPAT	OR	OFF	2008/05/07 07:47
S22	1	"2971465".pn.	USOCR	OR	OFF	2008/05/07 07:54
S23	0	S22 and water	USOCR	OR	OFF	2008/05/07 07:55
S24	1	duration with discharge with stroke with longer with intake	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2008/05/07 08:32
S25	78	duration with discharge with stroke with longer	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2008/05/07 08:33
S26	1	"7734487".pn.	USPAT	OR	OFF	2008/05/07 12:40
S27	397	(417/900).CCLS.	USPAT, USOCR	OR	OFF	2008/12/29 17:26
S28	413	S27 and pumps3	USPAT	OR	OFF	2008/12/29 17:27
S29	0	S28 and (inelastic near2 tube)	USPAT	OR	OFF	2008/12/29 17:29
S30	0	S28 and inelastic	USPAT	OR	OFF	2008/12/29 17:30
S31	56058	("417") CLAS	USPAT, USOCR	OR	OFF	2008/12/29 17:30
S32	42	S31 and inelastic	USPAT	OR	OFF	2008/12/29 17:44
S33	25	S28 and (closed near2 end)	USPAT	OR	OFF	2008/12/29 17:55
S34	431	(417/206).CCLS.	USPAT, USOCR	OR	OFF	2008/12/29 17:55
S35	164	S34 and pumps3	USPAT	OR	OFF	2008/12/29 19:16
S38	1	((keep or maintain) near2 last near2 condition) same pump$3	USPAT	OR	OFF	2008/12/29 19:16
S39	34	pump$3 near5 last	USPAT	OR	OFF	2008/12/29 19:18
S40	410	(417/478).CCLS.	USPAT, USOCR	OR	OFF	2008/12/29 19:35
S41	212	S40 and pump$3	USPAT	OR	OFF	2008/12/29 19:40
S44	1659	((417/526) or (417/534) or (417/536)).CCLS.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/05 10:49
S45	563	S44 and pump$3	USPAT	OR	OFF	2009/01/05 10:49
S46	672	(92/92).CCLS.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/05 13:06
S47	37	S46 and pump$3	USPAT	OR	OFF	2009/01/05 13:06
S49	1215	((92/90) or (92/91) or (92/13Rc)).CCLS.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/05 13:49
S50	152	S49 and pump$3	USPAT	OR	OFF	2009/01/05 13:49
S51	20	inelastic near2 bladder	USPAT	OR	OFF	2009/01/05 15:12
S52	31	inelastic near2 diaphragm	USPAT	OR	OFF	2009/01/05 15:49
S53	15	spring near2 return) near5 bladder	USPAT	OR	OFF	2009/01/05 16:10
S54	37	("3267817" "3739663" "4006669" "4008088" "4108807" "4255110" "4615890" "4777868" "4833973" "4841845" "4860639" "5067390" "5158057" "5201262" "6008675" "6266440").PN. OR ("6960188").URPN.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/05 16:31
S55	37	("1926068" "2366741" "2441881" "2465560" "2785580" "2832586" "2947328" "3020681" "3143332" "3151706" "3212447" "3235221" "3632977" "3712603" "4465266" "4538654" "4593951").PN. OR ("4833973").URPN.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/06 16:38
S56	865	(417/394).CCLS.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/06 16:31
S57	14	("2564198" "3113455" "4069554" "4717473" "4643210" "4674674" "5021502" "5059326" "5293934" "5706226").PN. OR ("5206657").URPN.	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/06 16:44

S59	468	(417/472) CCLS	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/07 12:25
S60	140	S59 and pump53 and spring51	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/07 12:26
S61	1	S59 and inelastic	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/07 12:41
S62	21	bellows near5 inelastic	US-PGPUB, USPAT, USOCR	OR	OFF	2009/01/07 12:42
S63	118	bellows near2 shag53 near2 tub53	USPAT	OR	OFF	2009/07/16 14:15
S65	48135	(vacuum ad2 cleaner)	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 12:59
S66	5383	S65 and spring	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 12:59
S67	15	(cleaner near2 bag) near2 expan55	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 13:00
S68	1	S66 and S67	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 13:01
S70	32	(cleaner near2 bag) with spring	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 13:02
S71	63	S66 and S70	US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	OFF	2009/09/02 13:02

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
I2	0	(structure and tail and tube and axial and length and shortens and intake and stroke and increases and exhaust and pump and rigid and outer and casing and interior and space) clm.	USPAT, UPAD	OR	OFF	2009/10/08 16:37

10/8/2009 5:19:28 PM
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